Parts Management Reengineering Implementation Process Team (PMRIPT)

Reengineering Task "Hand-Off" To PSMC

Parts Standardization & Management Committee (PSMC) Meeting

Oct 22, 2007

San Diego, CA

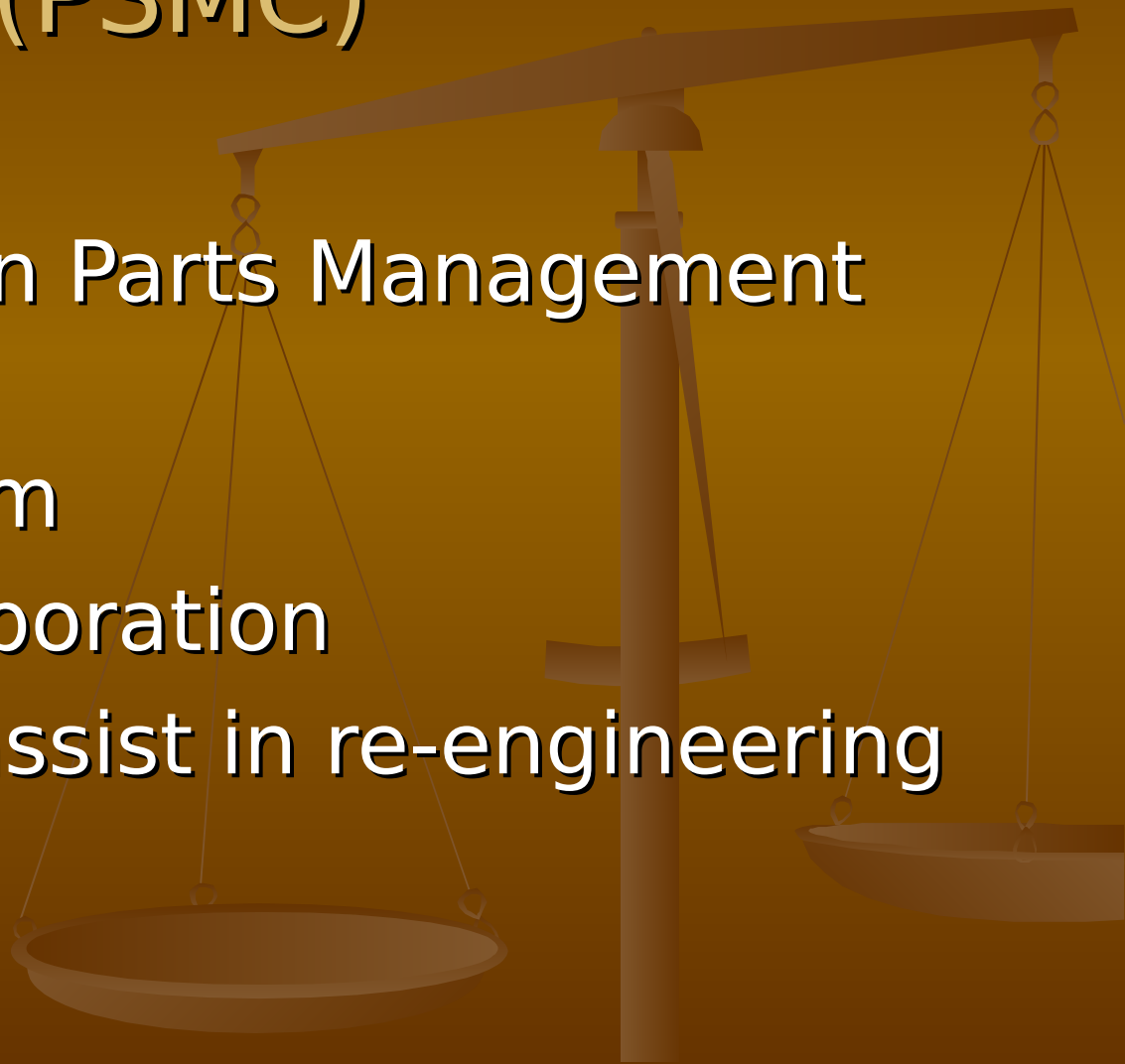
Implementation Team Participants

- Military Departments and DLA
- OSD Systems Engineering
- DMSMS Working Group
- GIDEP
- PSMC
- Industry
- Trade Associations (i.e., AIA, AIAA, GEIA)

Parts Management Reengineering Review

- PMRWG reported out – April 06 – TLCSM gave approval to proceed with implementation
- PMRIPT established to implement – TLCSM to be policy advocates
- Three highest priority recommendations:
  - Re-establish parts management as part of Systems Engineering
  - Make parts management a requirement in policy and contracts
  - Provide modern tools and information for parts management

Parts Standardization & Management Committee (PSMC)



- Support DSP in Parts Management issues
- Standing forum
- Industry collaboration
- Support and assist in re-engineering

Parts Management Vision

- Parts management is incorporated in eight appropriate sections of Systems Engineering process flow including all configuration audits and milestone reviews.
- Parts management is required in all contracts for new and major modifications for DoD systems:
  - Parts management plan required as part of Systems Engineering Master Plan
  - Contractor parts management plans approved based on parts selection for reliability, quality, and standardization, and to minimize impact of part obsolescence

Parts Management Vision

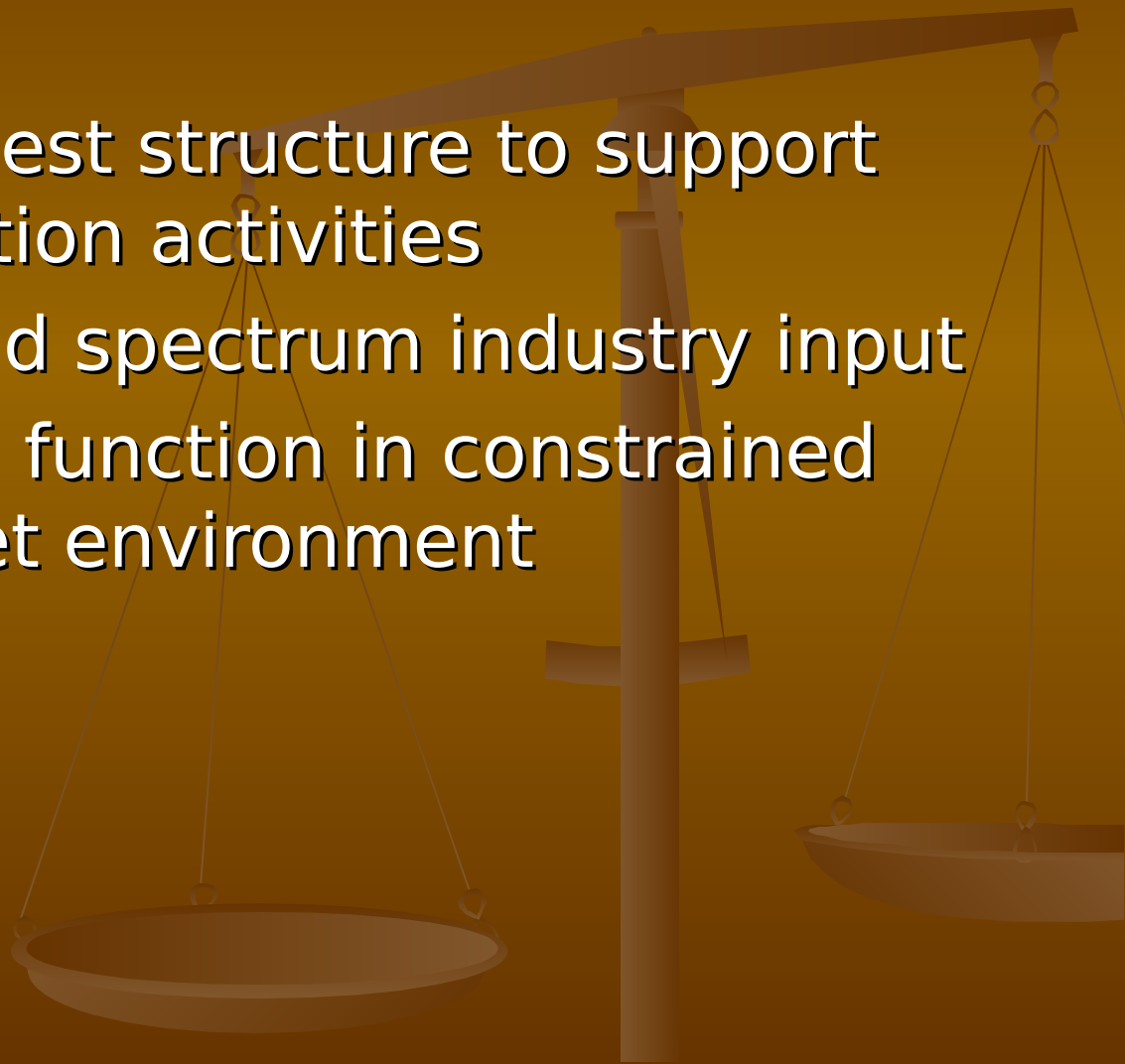
- Parts management tools help:
  - design and PBL contractors to make the best decisions, and
  - help government program offices manage parts management processes:
- Parts management information systems and selection tools have complete and up-to-date information;
- Parts management tools are “self-help” so that contractors manage parts management processes in the best interest of the DOD.

PSMC Future

- PSMC future
  - Short term – work with PMRIPT and DMSMS Working Group to develop appropriate policies and procedures
  - Medium term – work with PMRIPT and DMSMS Working Group to develop appropriate implementation strategies, training, marketing, etc. to implement balance of PMRWG implementation plans; monitor parts management activities to ensure effectiveness, and recommend policy/procedural changes as needed
  - Long term – provide support as needed to parts management; consider potential merger with DMSMS Working Group.

PSMC Issues

- Challenges:
  - Determine best structure to support implementation activities
  - Provide broad spectrum industry input
  - Find ways to function in constrained travel budget environment



Implementation Approach

- Parts Management Reengineering Implementation Phase has been very active:
  - Kick-off meeting held in May 2006
  - 3-day meetings in 2006: July, Aug, Oct, Nov
    and 2007: Jan, Mar, May, Jul, Oct
  - Parts Management Panel at DSP Conference, March 2007
  - Industry Day, May 2007
  - Parts Management Initiatives Panel at DSP Conf, March 2008
- PMRIPT organized into project teams to guide implementation of the top three recommendations:
  - Systems Engineering Team
  - Policy and Contracts Team
  - Tools Development Team (AKA “Portal Team”)

Implementation Coordination

- Enlisted Parts Standardization & Management Committee (PSMC) to support reengineering effort
  - Considerable membership overlap
  - Combined biannual meetings
- Briefed a multitude of people in various groups
- Increased collaboration with DMSMS Working Group
  - DMSMS WG Chair leader of PMRIPT Tools Project Team
  - DSPO on DMSMS Common Use Tools Committee
  - OSD Systems Engineering on DMSMS WG & PMRIPT
  - DMSMS WG/PMRIPT provided updates at respective mtgs

Dialogue with Industry

- Industry Day, May 8th 2007
  - Broad representation from industry
  - Good interaction – Q&A
- Agenda
  - DSPO addressed reengineering vision
  - Reviewed final PMRWG report
  - Each PMRIPT project team lead briefed
  - PSMC representative from industry briefed / invited new participants

Implementation Progress

- Systems Engineering Team

  "Restore parts management as a systems engineering discipline"

  - Working with Systems Engineering community on how best to restore parts management into current systems engineering policy and processes
  - Coordinating with DAU on incorporating parts management language into appropriate courses (i.e., acquisition, logistics, systems engineering, DMSMS)

Implementation Progress

- Policy and Contracts Team

  "Make parts management a requirement

  in policy and contracts"

  - Developing policy documentation (i.e., DoD 5000.2, SD-19), and developing a "MIL-STD-Parts Mgmt" (MIL-STD-3018) and AT&L policy memo
  - Developing contract templates and data item descriptions (DIDs) for parts management contractual requirements

Implementation Progress

- Tools Development Team

  "Provide modern tools and information for parts management"

  - Interviewing key users to determine tools requirements
  - Coordinating with DMSMS community to maximize and build upon existing DMSMS capabilities to develop a single point of entry to parts management data and information
  - Portal demo given at Industry Day

Where We Go From Here

- "Rationalize" PSMC Subcommittees with the PMRIPT Project Teams
  - During the breakout sessions tomorrow, the three Project Teams will work with the PSMC participants on "handing off" the details
  - The newly formed subcommittees will brief out before we adjourn the meeting
- PSMC & DSPO work together to finish implementing
  - Need to have contact more often than every 6 months
  - Because of travel budgets, we'll need to use go-to meetings and e-mails as best we can
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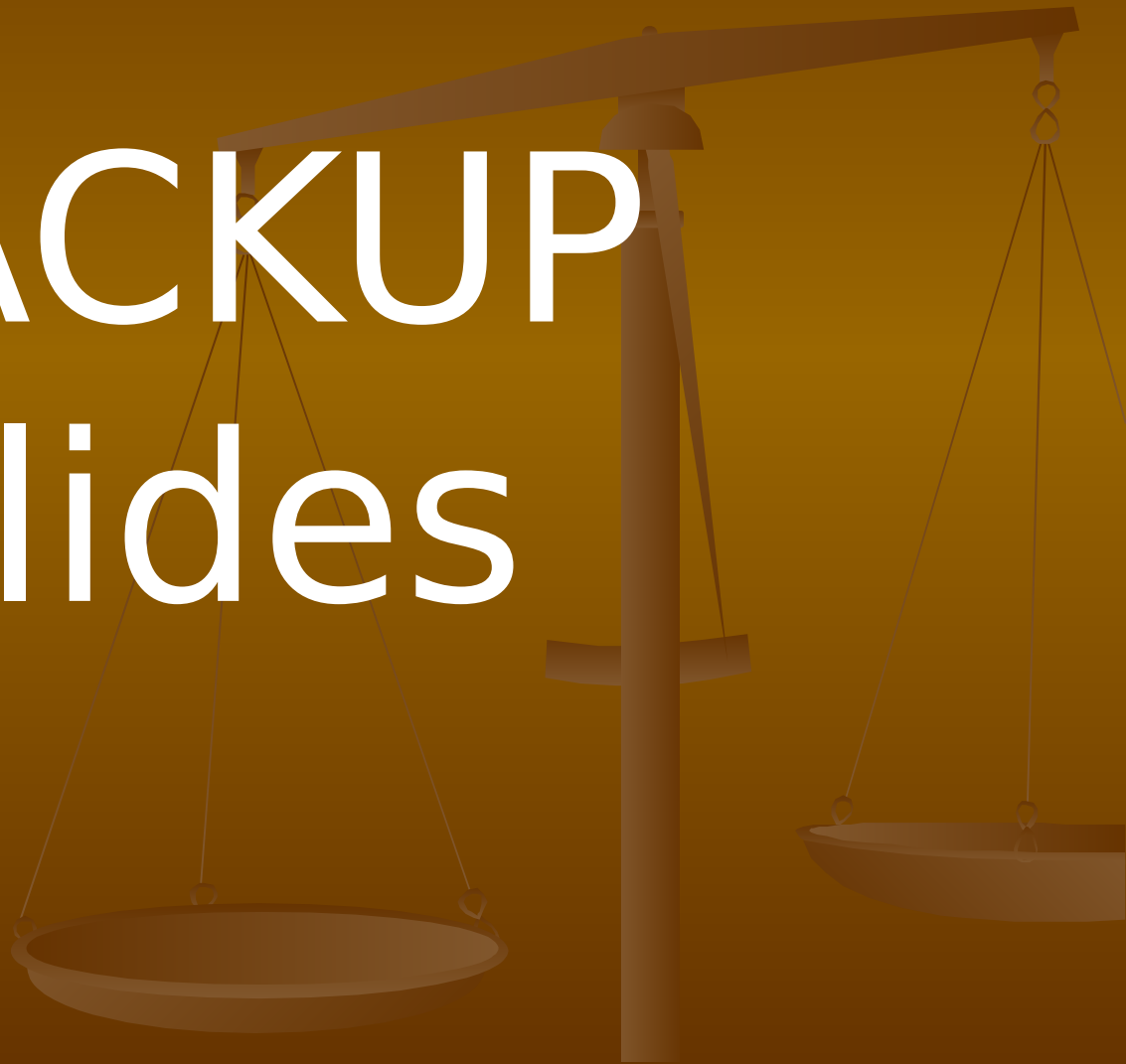
Questions ???

BACKUP Slides



Major PMRWG Recommendations

- Restore parts management as an engineering discipline
- Make parts management a contractual requirement
- Create Parts Management Knowledge Sharing Portal
- Improve DOD organization for parts management
- Build key partnerships and relationships
- Develop parts management tools and metrics
- Develop new marketing products
- Understand parts management’s contribution to logistics footprint

Parts Management is First and Foremost an Engineering Discipline

- Selecting the right parts drives downstream outcomes
- Part selection is an engineering responsibility
- Today’s engineering parts management practice is inadequate
- OEM parts management is often unfunded, therefore, not done
- Our recommendations address these issues

What We Mean by Making Parts Management A “Requirement”

- ***Not*** a return to past “prescriptive” practices
- Proposal to add some needed discipline
  - Action: Parts Management during design
  - Result: More supportable system during sustainment
- Require a Parts Management Plan that addresses:
  - DMSMS
  - Parts Selection
- Address Parts Management in program reviews
  - Key element of a well-executed program

The Critical Need — Current, Accurate Parts Data

- Existing parts data is inadequate, inaccurate, incomplete, inconsistent
- Parts data is spread across hundreds of sources
- DoD is now reengineering many of its parts-related information systems
- Now is the time to act
- We must integrate parts management requirements with current initiatives
- The first element is the DMSMS KSP
- PMRIPT is collaborating with the DMSMS WG